

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| S1    | 2    | "6371857".pn. or<br>"5168773".pn.                      | USPAT   | OR               | ON      | 2009/04/01<br>12:57 |
| S2    | 115  | rohs-ulrich.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/01<br>13:03 |
| S3    | 48   | S2 and damp\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/01<br>13:03 |
| S4    | 62   | rohs-voligt.as.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/01<br>13:13 |
| S5    | 50   | S4 not S3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/01<br>13:13 |
| S6    | 2    | S5 and (dual adj mass)<br>and damp\$3                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/01<br>13:14 |
| S7    | 105  | (dual adj mass) and damp<br>\$3 and spring and guid\$3 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/01<br>13:16 |
| S8    | 104  | S7 not (S3 S5)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/01<br>13:17 |
| S9    | 326  | 464/68.41.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/04/01<br>13:30 |

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|-----|-----|---|---------------------------|----|----|---------------------|
| S10 | 318 | S9 not (S3 S5 S8)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>13:32 |
| S11 | 293 | S10 and (friction\$4)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>13:43 |
| S12 | 77  | S11 and (hold-down or rub<br>\$3 or drag\$4)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>13:46 |
| S13 | 88  | S11 and (hold-down or rub<br>\$4 or drag\$4)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>13:46 |
| S14 | 5   | ("4212360"   "5238096"  <br>"5890576"   "5988343"  <br>"6056103").PN. OR<br>("7134963").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>13:48 |
| S15 | 205 | 74/574.3.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>13:59 |
| S16 | 1   | S15 and (dual adj mass)<br>and damp\$3  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:00 |
| S17 | 0   | S16 not (S3 S5 S8 S10<br>S13)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:00 |
| S18 | 365 | 74/574.4.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:01 |
| S19 | 10  | S18 and (dual adj mass)<br>and damp\$3  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:01 |
| S20 | 5   | S19 not (S3 S5 S8 S10 S13<br>S17)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:01 |
| S21 | 554 | 192/70.17.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:02 |
| S22 | 25  | S21 and (dual adj mass)<br>and damp\$3  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:03 |
| S23 | 12  | S22 not (S3 S5 S8 S10 S13<br>S17 S20)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:03 |
| S24 | 164 | 192/55.61.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:05 |
| S25 | 16  | S24 and (dual adj mass)<br>and damp\$3  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:05 |
| S26 | 7   | S25 not (S3 S5 S8 S10 S13<br>S17 S20 S23)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:06 |
| S27 | 412 | 192/212.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:07 |
| S28 | 16  | S27 and (dual adj mass)<br>and damp\$3  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:07 |
| S29 | 4   | S28 not (S3 S5 S8 S10 S13<br>S17 S20 S23 S26)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:07 |
| S30 | 172 | 192/214.1.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:08 |
| S31 | 5   | S30 and (dual adj mass)<br>and damp\$3  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:08 |
| S32 | 2   | S31 not (S3 S5 S8 S10 S13<br>S17 S20 S23 S26 S29)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/01<br>14:08 |

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|-----|------|--|---|----|----|---------------------|
| S33 | 1836 | S9 or S15 or S18 or S21 or S24 or S27 or S30   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/04/01<br>14:10 |
| S34 | 194  | S33 and ((two or divided or twin) adj (mass or flywheel)) and damp\$3  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/04/01<br>14:11 |
| S35 | 115  | S34 not (S3 S5 S8 S10 S13 S17 S20 S23 S26 S29 S32)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/04/01<br>14:11 |
| S36 | 36   | S35 and (hold-down or rub \$4 or drag\$4)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/04/01<br>14:12 |
| S37 | 17   | (US-20080119293-\$ or US-20050014564-\$ or US-20010046898-\$).did. or (US-6371857-\$ or US-5168773-\$ or US-7077752-\$ or US-6416416-\$ or US-6364775-\$ or US-6286390-\$ or US-6171193-\$ or US-6110046-\$ or US-5863253-\$ or US-7134963-\$ or US-6224487-\$ or US-5673598-\$ or US-5092820-\$ or US-5072818-\$).did.                      | US-PGPUB;<br>USPAT  | OR | ON | 2009/04/01<br>14:19 |
| S38 | 0    | S37 and (fly adj ring)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT                      | OR | ON | 2009/04/01<br>14:19 |
| S39 | 18   | (US-20080119293-\$ or US-20050014564-\$ or US-20010046898-\$ or US-20070193404-\$).did. or (US-6371857-\$ or US-5168773-\$ or US-7077752-\$ or US-6416416-\$ or US-6364775-\$ or US-6286390-\$ or US-6171193-\$ or US-6110046-\$ or US-5863253-\$ or US-7134963-\$ or US-6224487-\$ or US-5673598-\$ or US-5092820-\$ or US-5072818-\$).did. | US-PGPUB;<br>USPAT  | OR | ON | 2009/04/01<br>14:20 |
| S40 | 1    | S39 and (fly adj ring)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT                      | OR | ON | 2009/04/01<br>14:20 |
| S41 | 118  | rohs-ulrich.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/08<br>13:50 |
| S42 | 1    | (US-20070193404-\$).did.   | US-PGPUB  | OR | ON | 2009/07/08<br>13:51 |

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|-----|-----|--|---|----|----|---------------------|
| S43 | 1   | S42 and steel                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/08<br>13:51 |
| S44 | 6   | rohs-ulrich.in. and<br>@pd> "20090401" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>08:27 |
| S45 | 9   | rohs-voigt.as. and<br>@pd> "20090401"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>08:30 |
| S46 | 8   | S45 not S44                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>08:31 |
| S47 | 14  | S44 or S46                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>09:12 |
| S48 | 121 | rohs-ulrich.in.                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>09:14 |
| S49 | 0   | S47 and 20%                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>09:16 |
| S50 | 1   | S48 and 20%                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>09:16 |

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|-----|----|--|---|----|----|---------------------|
| S51 | 22 | (US-20080119293-\$ or US-20050014564-\$ or US-20010046898-\$ or US-20070193404-\$).did. or (US-6371857-\$ or US-5168773-\$ or US-7077752-\$ or US-6416416-\$ or US-6364775-\$ or US-6286390-\$ or US-6171193-\$ or US-6110046-\$ or US-5863253-\$ or US-7134963-\$ or US-6224487-\$ or US-5673598-\$ or US-5092820-\$ or US-5072818-\$ or US-7559141-\$).did. or (EP-971154-\$ or EP-926389-\$ or EP-926388-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | OR | ON | 2009/09/15<br>09:18 |
| S52 | 1  | S51 and 20%  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>09:19 |
| S53 | 1  | 464/68.41.ccls. and<br>@pd> "20090401"   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:20 |
| S54 | 0  | S53 and 20%  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>09:20 |
| S55 | 1  | 74/574.3.ccls. and<br>@pd> "20090401"  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:21 |
| S56 | 0  | S55 and 20%  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>09:21 |
| S57 | 1  | 74/574.4.ccls. and<br>@pd> "20090401"  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:21 |
| S58 | 0  | S57 and 20%  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>09:22 |
| S59 | 8  | 192/70.17.ccls. and<br>@pd> "20090401"   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:22 |
| S60 | 7  | S59 not (S44 S46 S60 S52<br>S53 S55 S57)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:23 |

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|-----|----|--|---|----|----|---------------------|
| S61 | 0  | S59 and 20%  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>09:23 |
| S62 | 1  | 192/55.61.ccls. and<br>@pd> "20090401"               | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:23 |
| S63 | 0  | S62 not (S44 S46 S60 S52<br>S53 S55 S57 S60)         | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:24 |
| S64 | 0  | S62 and 20%  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>09:24 |
| S65 | 1  | 192/212.ccls. and<br>@pd> "20090401"                 | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:24 |
| S66 | 0  | S65 not (S44 S46 S60 S52<br>S53 S55 S57 S60 S63)     | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:24 |
| S67 | 0  | S65 and 20%  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>09:25 |
| S68 | 2  | 192/214.1.ccls. and<br>@pd> "20090401"               | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:25 |
| S69 | 1  | S68 not (S44 S46 S60 S52<br>S53 S55 S57 S60 S63 S66) | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:25 |
| S70 | 0  | S68 and 20%  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>09:26 |
| S71 | 3  | 464/68.41.ccls. and 20%                              | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:26 |
| S72 | 3  | 74/574.3.ccls. and 20%                               | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:27 |
| S73 | 3  | S72 not S71  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:28 |
| S74 | 10 | 74/574.4.ccls. and 20%                               | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:28 |
| S75 | 10 | S74 not (S71 S73)                                    | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:29 |
| S76 | 4  | 192/70.17.ccls. and 20%                              | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:31 |
| S77 | 4  | S76 not (S71 S73 S75)                                | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:31 |

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|-----|------|--|---|----|----|---------------------|
| S78 | 3    | 192/55.61.ccls. and 20%  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:33 |
| S79 | 0    | S78 not (S71 S73 S75 S77)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:33 |
| S80 | 3    | 192/212.ccls. and 20%  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:33 |
| S81 | 3    | S80 not (S71 S73 S75 S77 S79)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:33 |
| S82 | 0    | 192/214.1.ccls. and 20%  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:34 |
| S83 | 9800 | 464/51-101.ccls.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:35 |
| S84 | 50   | S83 and 20%  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:36 |
| S85 | 42   | S84 not (S71 S73 S75 S77 S79 S81)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:36 |
| S86 | 4    | S85 and dual   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:36 |
| S87 | 327  | 464/68.41.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:40 |
| S88 | 206  | 74/574.3.ccls.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:40 |
| S89 | 366  | 74/574.4.ccls.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:40 |
| S90 | 562  | 192/70.17.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:40 |
| S91 | 165  | 192/55.61.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:40 |
| S92 | 413  | 192/212.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:40 |
| S93 | 174  | 192/214.1.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:40 |
| S94 | 1847 | S87 or S88 or S89 or S90 or S91 or S92 or S93  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:40 |
| S95 | 10   | S94 and 10%  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>09:40 |
| S96 | 3    | S94 and (rectilinear adj spring)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>10:05 |
| S97 | 2    | S94 and (frictional adj damper)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/09/15<br>10:32 |
| S98 | 0    | ((dual adj (mass or flywheel)) and damp\$3 and spring and guid\$3 and ((frictional adj damp\$3) with outward\$2) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/15<br>10:33 |

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|------|------|--|---|----|-----|---------------------|
| S99  | 19   | (dual adj (mass or flywheel)) and damp\$3 and spring and guid\$3 and (damp\$3 with outward\$2)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/15<br>10:34 |
| S100 | 226  | 192/213.2-213.22.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/15<br>10:39 |
| S101 | 6    | S100 and (dual adj (mass or flywheel))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/15<br>10:39 |
| S102 | 11   | ("5105681"   "5156249"   "5307710"   "5382193"   "5601002"   "5624317"   "5878856").PN. OR ("6047804").URPN.                                     | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/09/15<br>10:44 |
| S103 | 1    | ("6244962").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/09/15<br>11:25 |
| S104 | 15   | ("2356940"   "2643109"   "4518071"   "4679678"   "4789375"   "4891033"   "5004088"   "5052664"   "5289737"   "5769722").PN. OR ("6244962").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/09/15<br>11:26 |
| S105 | 1    | ("6216838").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/09/15<br>11:27 |
| S106 | 3    | ("4240532"   "5651442"   "5762558").PN. OR ("6216838").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/09/15<br>11:27 |
| S107 | 1127 | 192/212-214.1.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/09/15<br>11:29 |
| S108 | 381  | S107 and wear  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/09/15<br>11:30 |
| S109 | 106  | S107 and (wear with contact)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/09/15<br>11:30 |
| S110 | 20   | S107 and ((wear near3 spring) with contact)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/09/15<br>11:45 |
| S111 | 2    | S107 and (wear with (contact near3 edge))  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/09/15<br>12:12 |
| S112 | 23   | ("2002115"   "4347717"   "4530673"   "4690257"   "4722715"   "4838395").PN. OR ("5092820").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/09/15<br>12:25 |



|      |         |   |   |    |    |                     |
|------|---------|---|---|----|----|---------------------|
| S113 | 2       | rohs-ulrich.in. and<br>@pd> "20090915"    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/11<br>12:25 |
| S114 | 124     | rohs-ulrich.in.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/11<br>12:25 |
| S115 | 104469  | ("20" adj (percent or (per<br>adj cent))) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/11<br>12:28 |
| S116 | 0       | S114 and S115                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/11<br>12:28 |
| S117 | 1167232 | (percent or (per adj cent))               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/11<br>12:29 |
| S118 | 6       | S114 and S117                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/11<br>12:29 |
| S119 | 3       | rohs-voigt.as. and<br>@pd> "20090915"     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/11<br>12:32 |
| S120 | 3       | S119 not S113                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/11<br>12:32 |
| S121 | 0       | 464/68.41.ccls. and<br>@pd> "20090915"    | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/01/11<br>12:33 |
| S122 | 0       | 74/574.3.ccls. and<br>@pd> "20090915"     | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/01/11<br>12:33 |
| S123 | 2       | 74/574.4.ccls. and<br>@pd> "20090915"     | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/01/11<br>12:33 |

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| S124 | 2   | S123 not (S113 S120)                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/11<br>12:33 |
| S125 | 4   | 192/70.17.ccls. and<br>@pd> "20090915"     | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/11<br>12:34 |
| S126 | 4   | S125 not (S113 S120<br>S124)               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/11<br>12:34 |
| S127 | 2   | 192/55.61.ccls. and<br>@pd> "20090915"     | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/11<br>12:34 |
| S128 | 2   | S127 not (S113 S120 S124<br>S126)          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/11<br>12:35 |
| S129 | 0   | 192/212.ccls. and<br>@pd> "20090915"       | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/11<br>12:35 |
| S130 | 0   | 192/214.1.ccls. and<br>@pd> "20090915"     | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/11<br>12:35 |
| S131 | 16  | 464/51-101.ccls. and<br>@pd> "20090915"    | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/11<br>12:36 |
| S132 | 16  | S131 not (S113 S120 S124<br>S126 S128)     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/11<br>12:36 |
| S133 | 0   | 192/212-214.1.ccls. and<br>@pd> "20090915" | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/11<br>12:38 |
| S135 | 2   | ((("5863274") or<br>("6062359")).PN.       | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2010/02/02<br>09:14 |
| S136 | 0   | S135 and ((per adj cent)<br>or percent)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/02<br>09:49 |
| S137 | 1   | S135 and \$2%                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/02<br>09:53 |
| S138 | 327 | 464/68.41.ccls.                            | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/02/02<br>09:54 |

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| S139 | 206  | 74/574.3.ccls.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>09:54 |
| S140 | 368  | 74/574.4.ccls.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>09:54 |
| S141 | 567  | 192/70.17.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>09:54 |
| S142 | 168  | 192/55.61.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>09:54 |
| S143 | 414  | 192/212.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>09:54 |
| S144 | 174  | 192/214.1.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>09:54 |
| S145 | 1857 | S138 or S139 or S140 or<br>S141 or S142 or S143 or<br>S144 | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>09:54 |
| S146 | 10   | S145 and 10%   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>09:54 |
| S147 | 201  | S145 and \$2%  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>09:55 |
| S148 | 24   | S147 and 20%   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>09:56 |
| S149 | 21   | S147 and (\$2% with<br>friction)                           | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>09:58 |
| S150 | 1    | S147 and (\$2% with<br>(maximum adj friction))             | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>10:00 |
| S151 | 4    | rohs-ulrich.in. and<br>@pd> "20090915"                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/02<br>10:01 |
| S152 | 3    | rohs-voligt.as. and<br>@pd> "20090915"                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/02<br>10:01 |
| S153 | 3    | S152 not S151  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/02<br>10:01 |
| S154 | 2    | 74/574.4.ccls. and<br>@pd> "20090915"                      | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>10:01 |
| S155 | 2    | S154 not (S151 S153)                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/02<br>10:01 |

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| S156 | 5  | 192/70.17.cds. and<br>@pd> "20090915"                           | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>10:01 |
| S157 | 5  | S156 not (S151 S153<br>S155)                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/02<br>10:01 |
| S158 | 3  | 192/55.61.cds. and<br>@pd> "20090915"                           | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>10:01 |
| S159 | 3  | S158 not (S151 S153 S155<br>S157)                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/02<br>10:01 |
| S160 | 23 | 464/51-101.cds. and<br>@pd> "20090915"                          | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>10:01 |
| S161 | 7  | (S160 not (S151 S153<br>S155 S157 S159)) and<br>@pd> "20100111" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/02<br>10:01 |
| S162 | 3  | 192/212-214.1.cds. and<br>@pd> "20100111"                       | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>10:04 |
| S163 | 0  | (S161 or S162) and (\$2%<br>with (maximum adj<br>friction))     | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/02<br>10:05 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query  | DBs                         | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-----------------------------|------------------|---------|------------------|
| S134  | 1    | ((dual adj mass) and damp\$3<br>and ((load adj free) or load<br>\$1free) and (spring adj<br>system) and ((hold adj down)<br>or hold\$1down) and (fly adj<br>ring) and (maximum adj<br>friction)).dm.                        | US-PGPUB;<br>USPAT;<br>UPAD | OR               | ON      | 2010/01/11 12:40 |
| S164  | 0    | ((dual adj mass) and damp\$3<br>and ((load adj free) or load<br>\$1free) and (spring adj<br>system) and ((hold adj down)<br>or hold\$1down) and (fly adj<br>ring) and (maximum adj<br>friction)).dm. and<br>@pd> "20100111" | US-PGPUB;<br>USPAT;<br>UPAD | OR               | ON      | 2010/02/02 10:06 |

2/ 2/ 10 12:14:06 PM

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